AMENDMENTS TO THE CLAIMS:

Please cancel claims 1-9 and add the new claims 10-17 as follows:

Claim 10. (New) A digital receiving apparatus comprising:

an information separating unit for reproducing a stream of demodulation signal, and separating it into stream signals on multiplexed respective channels for output;

a decoding unit for decoding and outputting said stream signals;

a control unit for switching and controlling a stream signal for the decoding unit to decode out of the stream signals on said respective channels; and

a storing unit for storing matching information for indicating matching relationship between physical information for indicating reception quality and the data types of the stream signals on the respective channels,

wherein said control unit determines the matching relationship between said physical information during reception and the data type of the stream signal on a channel selected out of said channels based on said matching information, and

switches to the stream signal on another channel and makes said decoding unit decode it when the control unit determines that said physical information during reception and the data type of the stream signal on said selected channel do not conform to a predetermined relationship.

Claim 11. (New) The digital receiving apparatus according to claim 10, wherein the stream signal on said another channel is a stream signal of a data type different from the data type of the stream signal on said selected channel.

Claim 12. (New) The digital receiving apparatus according to claim 10, wherein the stream signal on said another channel has a data type conforming to a predetermined relationship with said physical information during reception.

Claim 13. (New)   The digital receiving apparatus according to claim 10, wherein said physical information is a bit error rate.

Claim 14. (New)   The digital receiving apparatus according to claim 10, wherein

if said control unit determines that said physical information during reception and the data type of the stream signal of said selected channel do not conform to a predetermined relationship, the control unit searches for a stream signal on said another channel, having a data type conforming to the predetermined relationship with said physical information during reception, based on said matching information, and switches to the stream signal on said different channel based on the search result.

Claim 15. (New)   A method of reception of a digital receiving apparatus, comprising:

an information separating step of reproducing a stream of demodulation signal, and separating it into stream signals on multiplexed respective channels for output;

a decoding step of decoding and outputting said stream signals;

a control step of switching and controlling a stream signal for said decoding step to decode out of the stream signals on said respective channels; and

a storing step of storing matching information for indicating matching relationship between physical information for indicating reception quality and the data types of the stream signals on the respective channels,

wherein in the control step, the matching relationship between said physical information during reception and the data type of the stream signal on a channel selected out of said channels is determined based on said matching information, and

the stream signal to be decoded in said decoding step is switched to the stream signal on another channel when it is determined that said physical information during reception and the data type of the stream signal on said selected channel do not conform to a predetermined relationship.

Claim 16. (New)   A computer program to be executed by a computer arranged in a digital receiving apparatus, the computer program comprising:

an information separating step of reproducing a stream of demodulation signal, and separating it into stream signals on multiplexed respective channels for output;

a decoding step of decoding said stream signals;

a control step of switching and controlling a stream signal for said decoding step to decode out of the stream signals on said respective channels; and

a storing step of storing matching information for indicating matching relationship between physical information for indicating reception quality and the data types of the stream signals on the respective channels,

wherein in said control step,

the matching relationship between said physical information during reception and the data type of the stream signal on a channel selected out of said channels is determined based on said matching information, and

the stream signal to be decoded in said decoding step is switched to the stream signal on another channel when it is determined that said physical information during reception and the data type of the stream signal on said selected channel do not conform to a predetermined relationship.

Claim 17. (New)   A recording medium containing the computer program according to claim 16.